

**293H Cells Transfected with  
Anti-Ataxin1 Ribozyme (A1364A)  
and Anti-ataxin siRNA (AT0945)**

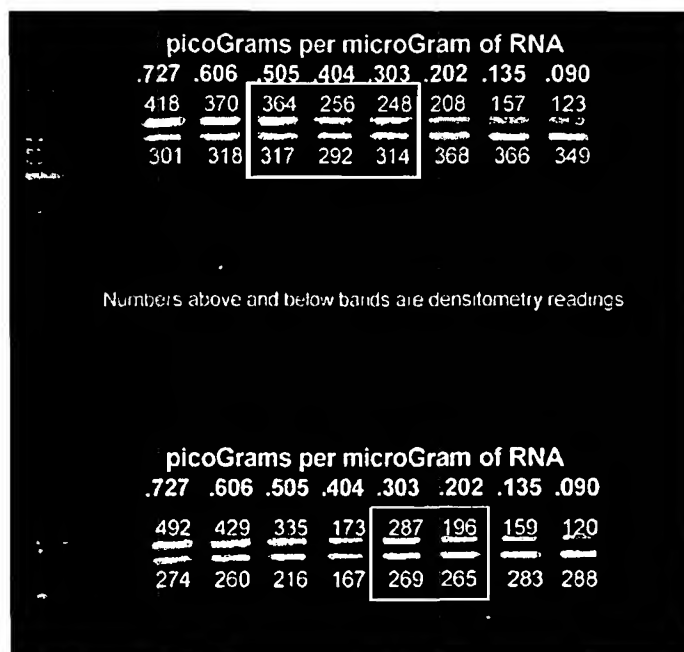


FIG. 1

**293H Cells Transfected with Control siRNA (GAPDH)  
and Anti-ataxin siRNA (AT1671)**

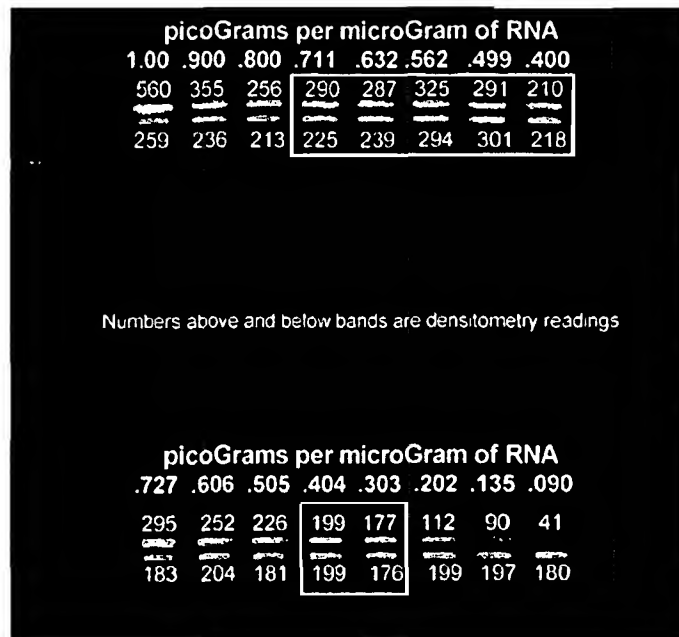


FIG. 2

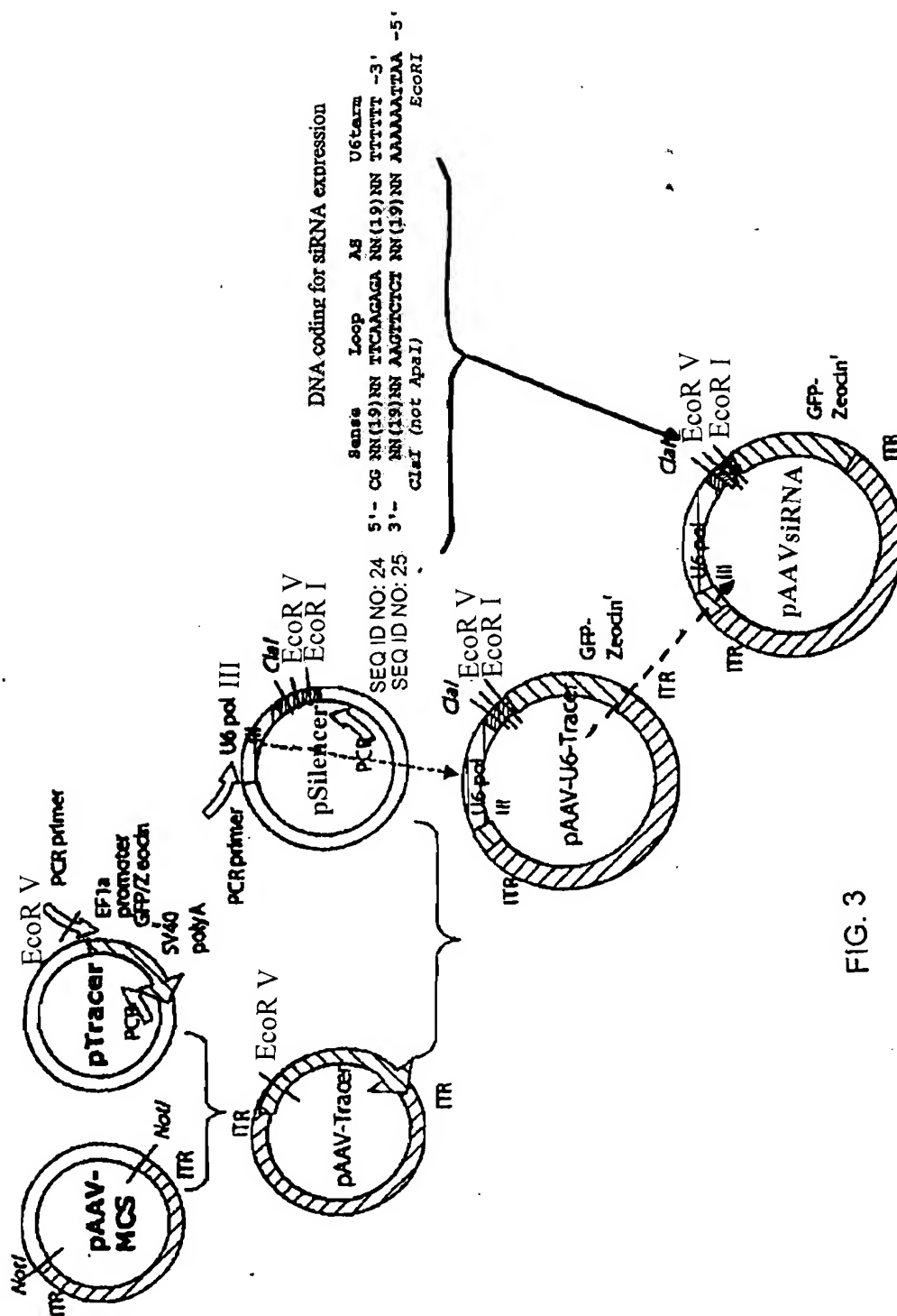


FIG. 3

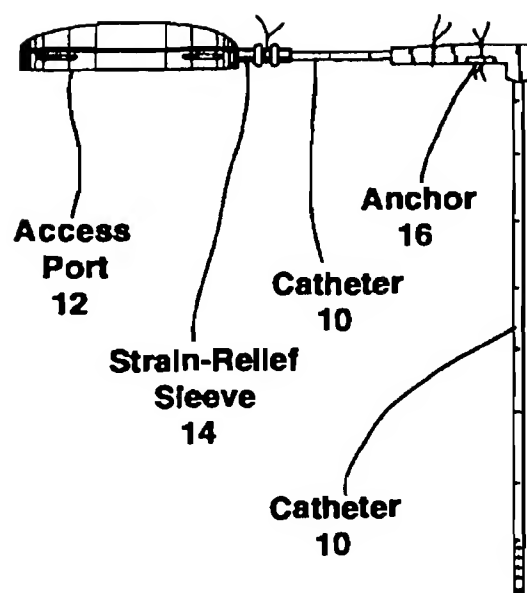


FIG. 4

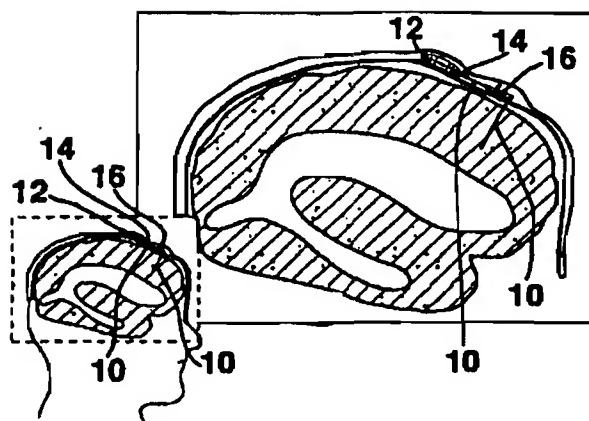


FIG. 5

### Small interfering RNA Treatment of Neurodegenerative Diseases

Disease	Location	Gene Product
Parkinson's Disease	Sub Nigra	alpha-synuclein
Alzheimer's Disease	Basalis of Meynert Cerebral Cortex	BACE1 (including variants thereof, e.g. variants A, B, C, and D)
Huntington's Disease	Striatum: Caudate Nucleus Putamen	Huntingtin IT15
Spinocerebellar Ataxia Type 1 Type 2 Type 3 (Machado Joseph)	Deep Cerebellar Nuclei: Dentate nucleus Emboliciform nucleus Globose nucleus Fastigial nucleus Cerebellar cortex	Ataxin 1 Ataxin 2 Ataxin 3
Dentatorubral-pallidoluysian atrophy	Red Nucleus Globose Pallidus	Atrophin 1

FIG. 6